

# NASHVILLE DISTRICT SECTION 212-FUNDED PROGRESS UPDATE

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Prepared for Team Cumberland  
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# FINANCIAL STATUS

2

Long-Term MOA	
Funds Received	\$199,006,277
Unobligated Project Funds	\$55,033,354
Emergent Work & Reserve Funds	\$19,107,396

Short-Term MOA	
Funds Received (SA#1,2,3,4&5)	\$103,572,126
Unobligated Project Funds	\$92,351,027
Reserve Fund	\$10,000,000

Legacy MOA	
Funds Received	\$45,000,000
Unobligated Project Funds	\$207,286
Emergent Work Funds	\$13,471,852

As of end of month FEB 2019



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# SUB-AGREEMENTS AND BALLOTS

- **Long-Term MOA Sub-Agreement #9**
  - With PCC for signature
  - Old Hickory Major Hydropower Rehab, Old Hickory Excitation, Wolf Creek Transformer E&D, Center Hill MV Cables E&D, Cheatham MV Cables E&D, Program Activities
- **S-T MOA FY20-21 Extension**
  - Current agreement expires September 30, 2019
  - Significant lead time for ASA(CW) authorization
  - Draft provided to PCG
- **Upcoming L-T MOA Ballot #13**
  - Moves funds from Emergent Work to Center Hill for head cover replacement and delay costs
  - Draft ballot will be provided in April
- **FY18 Annual Report submitted December 2018**



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# PROGRESS

- **Barkley Major Hydropower Rehabilitation**
  - Completing preparatory projects
    - Barkley Exciters
      - Work complete
    - Barkley Medium Voltage Cables Replacement
      - Work complete
    - Barkley Main Power Transformers
      - Supply contract ongoing
      - Awaiting supply details for 90% Installation P&S
  - Barkley Turbine-Generator Rehab E&D
    - Solicitation – June 2019
    - Award - September 2019



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# PROGRESS

- **Old Hickory Unit #4 Repair**
  - Removal of runner blades ongoing
  - 72-hour run scheduled February 2020
- **Old Hickory Major Hydropower Rehabilitation**
  - Preparatory projects
    - Old Hickory Main Power Transformers
      - 90% Reviews – May 2019
    - Old Hickory Exciters
      - 30% - April 2019
    - Old Hickory DC Systems
      - 30% - April 2019
  - Hydropower Rehabilitation Analysis Report (HRAR)
    - Ballot for additional scope (38.5 MW Alt, Power Train Analysis, Fix-Repair Scenario)
  - Turbine-Generator Rehabilitation
    - Begin after HRAR is adopted



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# PROGRESS

- **Wolf Creek/Dale Hollow/Center Hill Intake Lifting Equip.**
  - Equipment fabrication ongoing
- **Wolf Creek Station Service**
  - Construction ongoing
- **Wolf Creek Efficiency Test**
  - Turbine Efficiency Test Report – April 2019
  - Update HRAR scope for completion

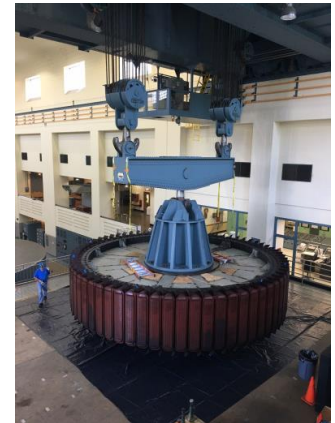


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# PROGRESS

- **Center Hill Major Hydropower Rehabilitation**
  - Head cover #2 is acceptable
  - Ballot for additional funds
  - Unit #3 Return to Service – Feb 2020
  - Unit #1 Return to Service – May 2020
- **Single Award Task Order Contract (SATOC) for Exciter Replacement**
  - Cordell Hull will be the “seed” project, Old Hickory will follow
  - Allows faster acquisition, homogeneity of equipment
  - Award Nov 2019



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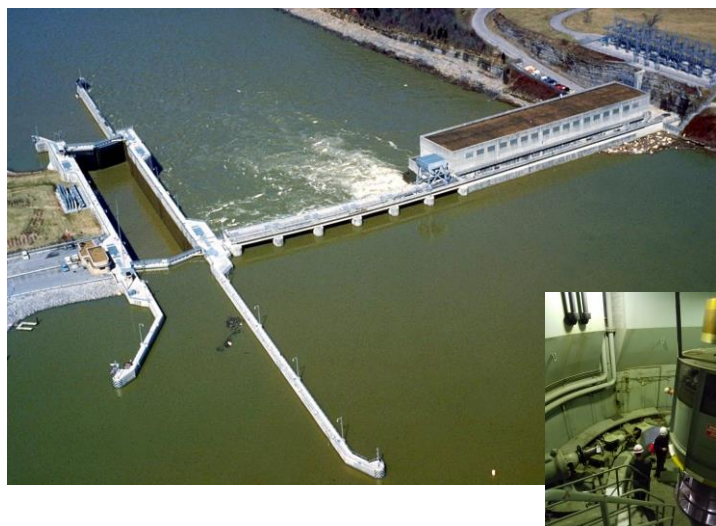
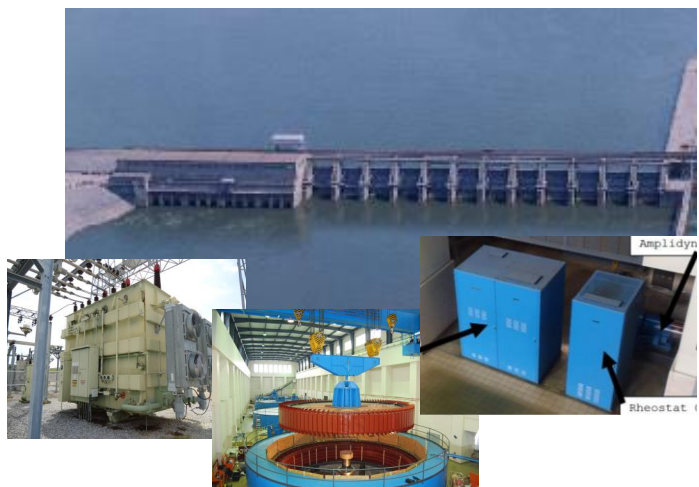
# PATH FORWARD

- **Update to Master Plan**
  - Revise and reprogram work items



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